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UTILITY PATENT APPLICATION TRANSMITTAL

	Falcill and				
Attorney Docket No.		2102397-992660			
First Inventor E		Bomy Chen			
		Memory Device Employing Thermally			
Title	Insulating Voids, And A Method Critical				
		EV 201143542 US			

Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS TO: Mail Stop Patent Application Mail Stop Patent Application Mail Stop Patent Application Co-RCN or CD-R in duplicate, large table or Computer Program (Appendix) Specification (computer Program (Appendix) - Descriptive site of the adjulcate for the processing) Applicant claims small entity status. See 37 CFR 1.27. Total Pages: 27 Increase a small entity status. See 37 CFR 1.27. Total Pages: 27 Increase a small entity status. See 37 CFR 1.27. Descriptive site of the member of entitled Applications - Descriptive site of the member of entitled Applications - Statement of the Discription - Background of the Increase of Entity of the Discription of t	Leadingtions under 37 CFR 1.53(b))	Assistant Commissioner for Patents Assistant Commissioner for Patents
Fee Transmittal Form (e.g., PTO/SB17) Fee	only for new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS	ADDESS BO Boy 1450 Alexandria, VA 22010
Norwing(s) (35 U.S.C. 113)	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings(if filed) - Detailed description	ADDRESS P.O. Box 1450, Alexandria, VAZED TO: Mail Stop Patent Application 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies; or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of Attorney when there is an assignee) Facilish Translation Document (if applicable)
6.	a. Newly executed (original) Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed in the prior application, see 37 CF 1.63(d)(2) and 1.33(b).	Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Certificate of Mailing. Other: Check No. 3 43 3 3 (\$2,106.00)
Society Soci	Continuation Divisional Continuation-in-part (CIP)	Group/Art Unit:
Alan A. Limbach Name Gray Cary Ware & Freidenrich 2000 University Avenue City Country Alan A limbach Fax 650/833-2433 Country Country Country Correspondence address below or Correspondence address below or Correspondence address below Fax Country Country Or Correspondence address below Or Correspondence address below Fax Fax 650/833-2001	Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part of the disclosure of the Box 5b, is considered a part o	THOS ADDRESS
Name Alan A. Limbach Address Gray Cary Ware & Freidenrich 2000 University Avenue CA Zip Code 94303 City East Palo Alto State 650/833-2433 Fax 650/833-2001 Country Designation No. (Attorney/Agent) 39,749		or Correspondence address below
Name Gray Cary Ware & Freidenrich 2000 University Avenue CA Zip Code 94303 City East Palo Alto State 650/833-2433 Fax 650/833-2001 Country Designation No. (Attorney/Agent) 39,749	Customer Number of San	
Address 2000 University Avenue CA Zip Code 94303 City East Palo Alto State 650/833-2433 Fax 650/833-2001 Country Parietration No. (Attorney/Agent) 39,749	Alan A. Limbach	
Address 2000 Officerory CA Zip Code City East Palo Alto State 650/833-2433 Fax 650/833-2001 Country Participal No. (Attorney/Agent) 39,749	Gray Cary Ware & Freidenmon	94303
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Alan A. Limbach Date	Our in y	39.749

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 2,106.00

Complete if Known				
Application Number	Not yet assigned			
Filing Date	September 4, 2003			
First Named Inventor	Bomy Chen			
Examiner Name	Not yet assigned			
Art Unit	Not yet assigned			
Attorney Docket No.	2102397-992660			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
☐ Check ☐ Credit ☐ Money ☐ Other ☐ None 3. ADDITIONAL FEES						
Deposit Account Number	Fee Code	Fee (\$)	Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
Deposit	1051	130	2051	65	Surcharge - late filing fee or oath	
Account Name Gray Cary Ware & Freidenrich LLP	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
☐ Charge (fees) indicated below. ☐ Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
☐ Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-identified deposit account.		110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	410	2252	205	Extension for reply within second month	
1. BASIC FILING FEE	1253	930	2253	465	Extension for reply within third month	
Large Entity Small Entity Fee Fee	1254	1,450	2254	725	Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Utility filing fee 750.00	1401	320	2401	160	Notice of Appeal	
1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,300	2453	650	Petition to revive – unintentional	
Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 86 -20*** = 66 X 18 = 1,188 Independent 5 -3*** = 2 X 84 = 168		470	2502	235	Design issue fee	
		630	2503	315	Plant issue fee	
Claims	1460	130	1460	130	Petitions to the Commissioner].
Multiple Dependent X =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee	1806	180	1806	180	Submission of Information Disclosure Strnt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 66	1809	750	2809	375	Filing a submission after final rejection	
1201 84 2201 42 Independent claims in excess of 3 02 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	(37 CFR § 1.129(a)) For each additional invention to be	
1204 84 2204 42 ** Reissue independent daims					examined (37 CFR § 1.129(b))	
over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue daims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
		Other fee	(specify)		······	
SUBTOTAL (2) (\$) 1,356.00						
**or number previously paid, if greater; For Reissues, see above	Reduce	ed by Basi	c Filing F	ee Paid	SUBTOTAL (3) (\$)	

SUBMITTED BY				Complete(if	applicable)
Name (Print/Type)	ALAN A. LIMBACH	Registration No. (Attorney/Agent)	39,749	Telephone	650-833-2433
Signature	ala a. Amil			Date	Sept. 4, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the context of time was accounted to the complete depending upon the individual case. the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

CEDTIFICATE	DE MAILING DV "EV	ZDDECC MAIL " (2"	7 CED 1 10)	Docket No.
CERTIFICATE	OF MAILING BY "EX	TRESS MAIL (5)	/ CFK 1.10)	2102397-992660
Applicant: Bomy C	Chen			
Serial No.	Filing Date	Examiner	Gro	up Art Unit
Not Yet Assigned	September 4, 2003	Not Yet Assigned		N/A
Invention:	<u> </u>	<u> </u>	<u>.</u>	
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September 4, 2003.		•		
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